

IAP12 Rec'd PCT/PTO 04 JUN 2007



PTO/SB/17 (05-07)

Approved for use through 05/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2007		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/586,449-Conf.# 4477
TOTAL AMOUNT OF PAYMENT (\$) 170.00		Filing Date	July 18, 2006
		First Named Inventor	Yoshiichi Horikoshi
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
		Attorney Docket No.	SON-3175

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 18-0013 Deposit Account Name: Rader, Fishman & Grauer PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	Fee (\$)	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
		Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100		
Design	200	100	100	50	130	65		
Plant	200	100	300	150	160	80		
Reissue	300	150	500	250	600	300		
Provisional	200	100	0	0	0	0		

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
_____	_____	_____	_____	Fee (\$)
HP = highest number of total claims paid for, if greater than 20.			_____	
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	
_____	_____	_____	_____	
HP = highest number of independent claims paid for, if greater than 3.				

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	_____
_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____				

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge):	
1051 Surcharge-Late oath or declaration	130.00
8021 Recording each patent assignment	40.00

SUBMITTED BY		Registration No. (Attorney/Agent)	24,104	Telephone	(202) 955-3750
Signature	_____			Date	June 4, 2007
Name (Print/Type)	Ronald P. Kananen				

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/586,449	Yoshilchi Horikoshi	SON-3175

23353
 RADER FISHMAN & GRAUER PLLC
 LION BUILDING
 1233 20TH STREET N.W., SUITE 501
 WASHINGTON, DC 20036

INTERNATIONAL APPLICATION NO.

PCT/JP05/00613

I.A. FILING DATE

01/19/2005

PRIORITY DATE

01/20/2004

DOCKETED

DUE:

6.04.07

AJ*

CONFIRMATION NO. 4477

371 FORMALITIES LETTER



OC000000023151945

Date Mailed: 04/02/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/18/2006
- English Translation of the IA filed on 07/18/2006
- Copy of the International Search Report filed on 07/18/2006
- Copy of IPE Report filed on 07/18/2006
- Preliminary Amendments filed on 07/18/2006
- Information Disclosure Statements filed on 07/18/2006
- Oath or Declaration filed on 07/18/2006
- Request for Immediate Examination filed on 07/18/2006
- U.S. Basic National Fees filed on 07/18/2006
- Priority Documents filed on 07/18/2006
- Specification filed on 07/18/2006
- Claims filed on 07/18/2006
- Drawings filed on 07/18/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- **Oath or Declaration** of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

KAYA L LEWIS BALTIMORE

Telephone: (703) 308-9140 EXT 202

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/586,449	PCT/JP05/00613	SON-3175

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Yoshiichi Horikoshi et al.

Application No.: 10/586,449

Filed: July 18, 2006

For: DISCHARGE LAMP, METHOD FOR
MANUFACTURING THE DISCHARGE
LAMP ELECTRODE, AND LIGHTING
SYSTEM (as amended)

Confirmation No.: 4477

Art Unit: N/A

Examiner: Not Yet Assigned

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements of Application – Filing Date
Granted mailed April 2, 2007, Applicant respectfully submits a Combined Declaration and
Power of Attorney and Part 2 Copy of Notice.

Please charge our Deposit Account No. 18-0013 in the amount of \$130.00 covering
the fee set forth in 37 CFR 1.16(f). The Director is hereby authorized to charge any deficiency
in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper
hereafter filed in this application by this firm) to our Deposit Account No. 18-0013, under Order
No. SON-3175. A duplicate copy of this paper is enclosed.

Dated: June 4, 2007

Respectfully submitted,

By

Ronald P. Kananen

Registration No.: 24,104

RADER, FISHMAN & GRAUER PLLC

Correspondence Customer Number: 23353

Attorney for Applicant